

SHIPPING INTELLIGENCE.

ARRIVAL.

September 3.—*Nimrod*, barque, 231 tons, Captain Sullivan, with 60 tons coals; *Spear Fishery*, with 360 barrels sperm oil.

*A whaler was signalled to the northward last evening; but as she was standing off the land at sundown, it was not expected that she would enter the Heads before this morning.

DEPARTURES.

September 3.—*Theresa*, barque, Captain Bacon, for Calcutta. Passengers—Mr. Plaistowe, Mr. H. P. King, and 9 others.

September 3.—*Orinda*, barque, Captain Timley, for Calcutta. Passenger—Mr. James Mason.

September 3.—*Union*, brig, Captain Grainger, for Launceston. Passengers—Mr. Joshua Lyons, Mr. Solomon, Mr. McClellan, Miss Dickson.

September 3.—*Orinda*, schooner, Captain Jacks, for Launceston via Melbourne. Passengers—Mr. McNab, Mr. and Mrs. Doory, and Miss Gulligan.

COASTERS INWARDS.

September 3.—*Willi*, 63, Orkney, from Newcastle, with 60 tons coals; *June*, 16, Goldsworthy, from Broulee, with 15 tons potash, 2 sides bacon; *Endeavour*, 12, Hall, from Brisbane Water, with 200 bushels shell; *Resolution*, 49, M. High, from the Richmond, with 20,000 feet redb. timber; *Endeavour*, 12, Cox, from Brisbane Water, with 9,000 feet timber, 20,000 shingles; *Thistle*, steamer, 127, Mullah, from Morpeth, with 250 tons coal, 200 bushels grain, 30 bags rice, 150 bushels hay, 15 bgs flour, 30 tons bark, 270 hides, 200 sheep; *Thistle*, 20, Thompson, from the M. Leary, with 650 bushels corn, 4 tons tallow, 2 tons salt beef, 100 hides, 5,000 feet cedar, 500 staves; *Nepoleon*, 15, Harp, from Brisbane Water, with 10,000 feet redb. timber, 10,000 laths; *William*, 14, Vaughan, from Pittwater, with 250 bushels shell; *Ranger*, 49, Durham, from the Richmond, with 25,000 feet cedar.

COASTERS OUTWARDS.

September 3.—*Thistle*, 12, Connor, for Pittwater, in ballast; *William*, 14, Vaughan, for Pittwater, in ballast; *Sisters*, 15, Dock, for the Hawkesbury, with sundries; *Bride*, 19, McKenzies, for the Hawkesbury, with sundries; *Ocean Queen*, 35, McIntyre, for the Richmond, with sundries; *Rose*, 30, Ralle, for the Richmond, with sundries; *Endeavour*, 12, Hale, for Brisbane Water, with sundries; *Rainbow*, 18, Cox, for Brisbane Water, with sundries; *Nepoleon*, 15, Harp, for Brisbane Water, with sundries; *Thistle*, 20, Thompson, for the M. Leary, with sundries; *William*, 14, Vaughan, for Pittwater, with sundries; *Ranger*, 49, Durham, for the Richmond, with sundries.

IMPORTS.

September 3.—*Munro*, brig, 226 tons, Captain Dalfoir, from Manila: 6105 bags sugar, 80 packages tea, 26 packages cigars, 58 coils rope, 112 coils bale lashing, Lamb and Farbury.

September 3.—*Hemlock*, schooner, 90 tons, Captain Salmon: 71 tons black pig, 10 bundles whalebone, 1 ton flax, J. Salmon; 25 cases and 21 casks Kowrie gum, Order.

MAIL FOR ENGLAND.—The *Royal Tor* is a full ship, and will sail for London on Sunday next. The *Rosendale*, for Liverpool, will also get away the latter end of next week.

The *Nimrod* sailed for Sydney on Monday morning, but has been very unsuccessfull, having only obtained 300 barrels of sperm oil.

The following vessels are reported by her:—*January*, 12, Mrs. de Neff, 43 months out, with 1400 barrels of oil; *March*, 21, *Frederic*, of London, 12 months out, with 300 barrels sperm; *June*, 2, *Ranger*, of London, four and a half months out, with 60 barrels sperm; *August*, 6, *Nelson*, of Sydney, with 200 barrels sperm.

The *Person* has taken the whole of her horses on board, fifty in number, which are some of the finest shipped for the season. She will sail for Calcutta on Saturday next.

The *Resolution*, from the Richmond, reports that the *Thomson* had been repaired there, and would come on to Sydney in about a fortnight.

The schooner *William*, hence for Moreton Bay, passed the Richmond last Friday morning. The *Edo* and *Black Swan* were loading there for Sydney.

The cutter *Hanger* is alongside the *Louisa*, discharging cedar into her for Hobart Town.

DIARY.

MEMORANDA FOR THIS DAY.

September. SUN. MON. TUES. WED. THURS. FRI. SAT. SUND.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

First Quarter—September 9, 22 m. past 3, P. M.

ROYAL VICTORIA THEATRE.

TUESDAY, SEPTEMBER 4, will be reported, for the first time, in three acts, entitled *DER PRINCEZITZ*.

SEVENTH BULLET: Adolph, Mr. J. H. Brown; Caspar, Mr. P. H. Brown; Linda, Mrs. Stirling; Rose, Madame Carandini. A Dance by Madame Villiers. To conclude with an admitted Play, in five acts, called *TUE STRANGER*. The Stranger, Mr. Griffiths; Peter, Mr. Simms; Mrs. Haller, Mrs. O'Flaherty.

THE *Sydney Morning Herald*.

THURSDAY, SEPTEMBER 4, 1846.

"Sworn to no master, of no sect am I."

GOVERNMENT OFFICERS AND LEGISLATIVE COUNCIL.

We have from the first objected to the practice of electing Government officers as members of the Legislative Council.

Consideration of the Council, consisting of persons of no education, and of no respectable standing, there can be no doubt. But as the paid servants of the Executive, dependent for their daily bread upon the good pleasure of the powers that be, they cannot be expected to exercise that perfect freedom and independence which the representatives of the people ought ever to carry with them into the legislature, and there to maintain unsullied and unsuspected. We felt this want of confidence even when it was supposed that the Government would not, by any direct overt act, interfere with the independence of its voters. Now, however, all room for difference of opinion as to the eligibility of this class of persons for a seat in Council, otherwise than as Crown nominees, has been entirely done away with, by Lord Stanley's settled policy with regard to this matter. He has settled it, no doubt, to his own satisfaction: he has assuredly settled it to ours.

"If His Majesty's officers," quoth the noble SECRETARY, "think fit to assume relations and responsibilities disqualifying them for the support of His Majesty's Representative, they are of course perfectly free to do so; but, having done so, cannot be permitted to retain their employment; otherwise, there would not only be an end to all concert and subordination in His Majesty's service, but the sincerity and good faith of those by whom it is administered would be brought into serious discredit."

This arbitrary dictum, clothed in language so studiously polite, can admit

of but one construction—that it is, in effect, an absolute prohibition of Government officers from serving in Council as representative members. It operates thus in two ways. In the first place, no gentleman in office, having any regard for his own character, or any respect for the dictates of conscience, would either accept or accept this great popular trust on terms so dishonourable. And, in the second place, if any paid servant of the Crown could be so base as to solicit a seat in Council, with the intention of wearing the legislative manacles described in Lord Stanley's despatch, he could find no constituency man enough to elect him.

That Lord Stanley would have been well aware that such would be the operation of his rule, and that he must have intended it should so operate, we infer from the obvious fact, that the rule will also operate, on the whole, disadvantageously to the Government itself. Had these gentlemen been left to enter the Council and to give their votes untrammelled by any express orders, their own sympathies and inclinations, acted upon by the subtle influence of self-interest, would have leaned so naturally towards the Treasury benches as to have secured for the Government, with rare exceptions, the benefit of their habitual support. By allowing them the *shadow* of independence, the Executive would have insured, in the vast majority of instances, the *substance* of their votes. But in destroying the shadowy veil, they have lost the substantial good.

And this is so palpable, that it could not have escaped the sagacity of the Minister; and therefore, as has been said, we are of opinion that the despatch was intended to close the door of the Council Chamber, and to lock and bolt it, against all Government Officers, save in the capacity of nominees of the Crown.

NEW ZEALAND.

In the course of yesterday, we were favoured with the perusal of several private communications, received per latest arrivals from New Zealand. They contain no news of which we were not previously in possession; but the writers speculate somewhat in opposition to each other as to the causes which have produced the recent crisis. By some, the GOVERNMENT is alone to be blamed; by others, the sole cause is the non-fulfilment of the provisions made by the New Zealand Company—as affecting, although in a different manner, the settler and the Maori.

Again, others are of opinion, that the transference of the trade from the New Zealand to the immigrant population, is a fruitful cause of bitterness with the former. It was the custom, some years since, for whalers and other vessels, visiting their harbours, to deal and barter to a great extent with them. Now, however, much of this trade is, for very obvious reasons, carried on between the whites, and hence a considerable jealousy has arisen.

Here, it is said to have expressed his regret for cutting down the flag staff; as well as for the subsequent events; but this is to be received with caution, and may only be put forth to quiet the apprehensions of the Government. The whole of the adverse party had commenced the planting of their potatoes, without the cultivation of which starvation would speedily ensue.

The following extracts are from the *Auckland Times*, of the 2nd August:—

FINANCIAL EXERCISE.—When we consider the large amount of dobnentures sold, and the very trifling sustenance that the Customs now affords to the revenue of the colony, (£27 in *Auckland* for the last month) it is not surprising that the Colonial Treasury is in a state of straits, and that the Governor is observant of a strict economy. As specimens of the former policy we have a Jesuitical circular sent round, requesting a return from all the buyers of land from the natives, of the amount of payment in each case respectively. The return will furnish, no doubt, a useful statistic, but we recommend the buyers to be careful not to reveal the true state of the case, as a money for upon the delinquency in the late Property Rate Ordinance; the amount due from this source is said to be very considerable, and the parties will now be sued for the penalties attached. If the original tax on land recovered, this will bring something handsome, but we think the penalties should not be pressed, and the collection of the tax itself is very doubtful, for although we are not lawyers, we cannot see clearly how the provisions of an act can be enforced after it is repealed. We are aware that in the act repealing the Customs, there is a clause for the purpose of securing arrears upon the Property Rate Ordinance, but it is so clumsily contrived that we doubt whether it will hold water. Nevertheless, all ought doubtless to pay alike. Next comes an expenditure of economy, the disbanding of the Militia, a measure which it appears to us as unavoidable, as its enrolment and active service was inexpedient; it had been no public service; it has been useful in the disbursement of some money, or rather dobnentures, which have hereafter to be accounted for; but for all the purposes it sets forth, it might as well have been let alone. We cannot forget the gratuitous declaration of the Governor, that the Militia, although the whole Council were for it, should not be put his veto thereon. No wonder it has come to a sudden and violent death. The dandies who have been at the expense of uniforms must be distressed.

The *Wairuna*.—From Saturday last, till Tuesday's midnight, Auckland was visited with the heaviest gale on record in our annals, accompanied with torrents of rain. We are told that the barometer was never so low and so long depressed, and the pycnometer shows an indication far beyond all former registers. We are very happy to say, that we have not heard of any loss of life, but of course in such weather some casualties were to be expected, and we mention a few. The cutter *Wairuna*, in a vain attempt to get out at the commencement of the gale, capsized, and sunk under the North Head and Rangitoto—all the crew were saved, and the cutter, although the whole Council were for it, should not be put his veto thereon. No wonder it has come to a sudden and violent death. The dandies who have been at the expense of uniforms must be distressed.

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occur in the town: One side of the goal enclosure was washed from its moorings and blown down, and the garden recently planted with much care by Mr. Nicol's premises, the "Blue Bell," were very unceremoniously visited by the flood, and suffered much damage. Such was the force of water, that a large whole-brook, as she had broke from her moorings without any crew on board, it is probable that no fish was captured; Mr. Munro's shop, known as Medical Hall, was four feet deep in water, and much grocery was damaged—such ingenious aqueduct, known as Ligat's Canal, was full to reptition, and the planking laid over the north end of it, was blown up—the rain occasioned a land slip at Messrs. Brown and Marshall's, which will considerably diminish the size of their garden. The Rev. Mr. Churton, on his return from evening service in the barracks, on Sunday, when the tempest was worst, was nearly carried away by the force of the stream, in attempting to cross the creek at the east end of Mechanics' Bay, and he was only able to regain his home by returning to Prince Street, and taking the road round the cemetery, into the Epsom Road. In short there must have been great damage done, but we are most happy to say that we have no loss of life to record.

ROYAL AGRICULTURAL SOCIETY.

LIBER'S PRINCIPLES OF CULTURE.

We perceive from a Report of the proceedings of the Royal Agricultural Society of London, which will be found in another column, that it has awarded £350 for the expense of analysing the ashes of plants at the London University. This measure has been adopted in consequence of the recommendation of the chemical section of the British Association, an offer having been made by Professor Graham, gratuitously to superintend the analysis by his pupils.

Our scientific readers will be aware that the investigations to be pursued are supplementary to those of Liebig, which have established that the mineral constituents of the ashes of a plant are absorbed from the soil as food, and are as indispensable to its existence as is the food we eat to the support of animal life. The practical conclusions from this fact have already proved of great value to the agriculturist. It shows with unerring certainty the ingredients which the soil requires for the maturity of each family of plants, and teaches to avoid those manures which however valuable they may be for one plant, might be useless if not injurious to another. It teaches, that if we return to the soil the crop taken from it, we repay the mineral food which had been consumed; and, inasmuch as all the mineral constituents of a plant, together with its nitrogen, after having been consumed by animals, are returned in liquid and solid excrement, we have within our reach a never failing means of reproducing our food under the ordinary modes of tillage, by manuring the soil with excrement.

Another rule is, to return to the soil every part of a plant which is not employed for the use of man. The tops of potatoes for example contain many salts which are the food of other plants, as is shown from the analysis of its ashes. One hundred parts contain 4.20 salts of potash and soda—59.40 salts of lime and magnesia, and 30.40 of silica. Its salts contain the following acids—Muratic, sulphuric, phosphoric and carbonic; hence the potato top would restore to the soil the mineral constituents of several plants. On the other hand, if removed from the field on which it was grown, the soil would be rendered less fertile in exact proportion to the quantity of abstracted salts. Hop-bines buried in a part of a field, as we learn from the Journal of the Royal Agricultural Society, enabled the soil to produce 200 lbs. more of hops per acre than the part not so manured, whereby an additional value of £14 per acre was obtained, subject only to the expense of picking and preparing the additional quantity of hops. The report of this fact will be found in another part of our paper. The cuttings of vine are also mentioned as being employed with advantage as manure for the vine. As a general rule, no plant should be burnt unless it contain tannin, resin, or other matter injurious to vegetation. The mineral constituents of a plant, together with its nitrogen and carbon, are eliminated by decomposition in the bowels of the earth. The act of burning, on the contrary, destroys the nitrogen and the carbon, which are valuable elements of manure. The fibrous parts are also useful by rendering the soil more permeable to dew and rain.

That the whole of the mineral constituents of our food, together with its nitrogen, is eliminated from the animal body in liquid and solid excrement, is shown by chemical analysis. Wheat, for instance, contains the phosphates and other salts, with nitrogen. The blood also and other parts of the animal body contain the same substances. Thus, wheat analysed by FRIESENUS gave the following salts:—

Phosphate of potash, 36.51. Phosphate of magnesia, 19.61. Phosphate of lime, 3.35. Perphosphate of iron, 3.04. Traces of sulphate of potash and common salt, silica, 9.15. Coal and sand, 4.99.

Incinerated blood contains variable quantities of the following salts according to the food from which it is formed:—

Phosphates of lime and magnesia—Basic phosphates of lime—Common salt—Sulphates of the alkalis.

1000 parts of human faeces yielded 160 of ashes, which, according to Liebig, consisted of phosphate of lime and magnesia, and traces of gypsum, 100; sulphates of soda and potash, with phosphate of soda, 8; carbonate of soda, 8; silica, 16; carbonaceous residue and loss, 18.

The composition of human urine is as follows:—

Urea..... 39.10..... 44.39
Creatinine..... 1.74..... 25.58
Creatin..... 1.00..... 1.40
Mucous..... 0.32..... 0.48
Sulphate of potash..... 3.71..... 5.54
Sulphate of soda..... 4.75..... 7.00
Phosphoric acid..... 1.65..... 2.4



